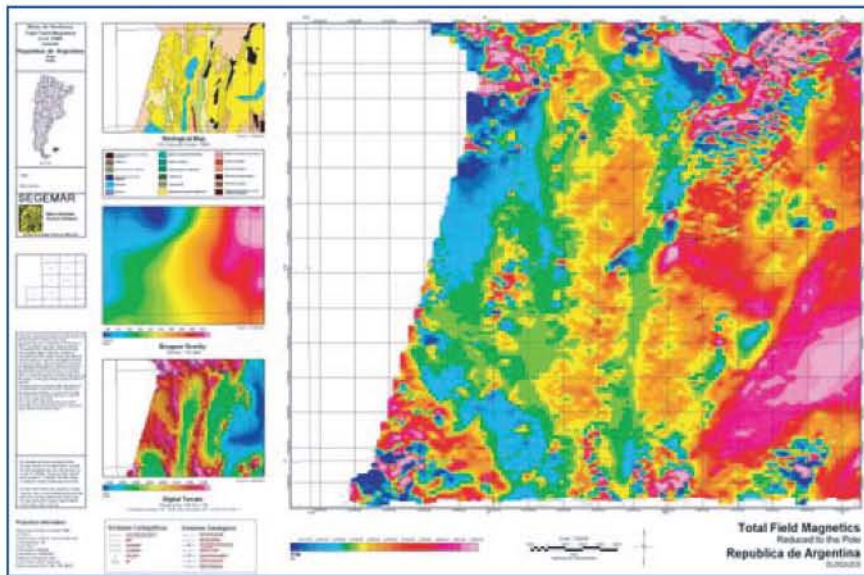


# Automating Map Production

Geosoft Custom Solutions completed a project for Servicio Geológico Minero Argentino (SEGEMAR), which gives them the ability to automate the production of final map products using archived digital geophysical and geological data.

The work was part of the Geophysical and Mineral Resource Mapping Project, which is being managed by Watts, Griffis and McOuat of Denver. One of the Project's objectives is to provide SEGEMAR with tools to improve access to Argentina's national regional geophysical and geological digital data.

Developed as GX wizard for Oasis montaj™, the new Automated Map Routines allow SEGEMAR to rapidly produce 1:250,000 scale cartographic quality maps from archived geophysical data. The maps also include three 1:1,000,000 scale inset map windows containing additional digital data such as geology, shaded relief topography, additional geophysical data, as well as index maps, appropriate titles, legends and survey information.



**SAMPLE 1:125,000 SCALE TOTAL FIELD MAGNETICS WITH 1:1,000,000 SCALE INSET GEOLOGY, BOUGUER GRAVITY AND SHADED RELIEF DIGITAL TERRAIN MODEL. THIS MAP WAS PRODUCED USING AN AUTOMAP GX WIZARD DEVELOPED BY GEOSOFT TECHNICAL SOLUTIONS.**

The Automap Wizard prompts the user for a Map sheet number or name. The appropriate archive data is then windowed "on the fly" and placed in the appropriate map windows. The source data can be in both Geosoft and

MapInfo formats. For further information on data and map products supplied by SEGEMAR visit: [www.segemar.gov.ar](http://www.segemar.gov.ar).

Geosoft would like to thank Greg Fernette of Watts, Griffis and McOuat Limited and Eduardo Zappettini and Jorge Chericoff of SEGEMAR for assistance in providing and managing this project.